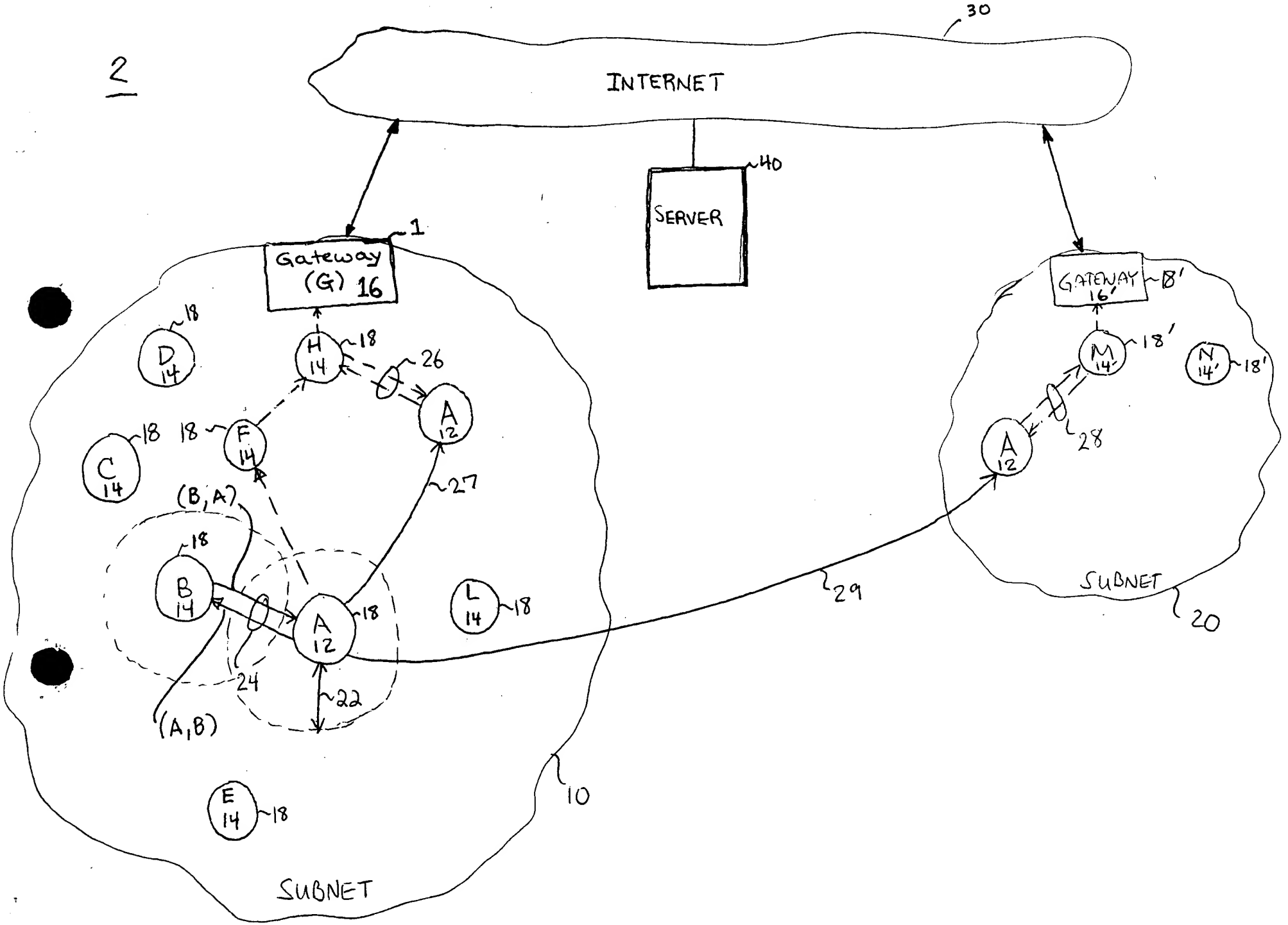

Fig 1

09728[illegible]120100

DOCKET: 02208.360

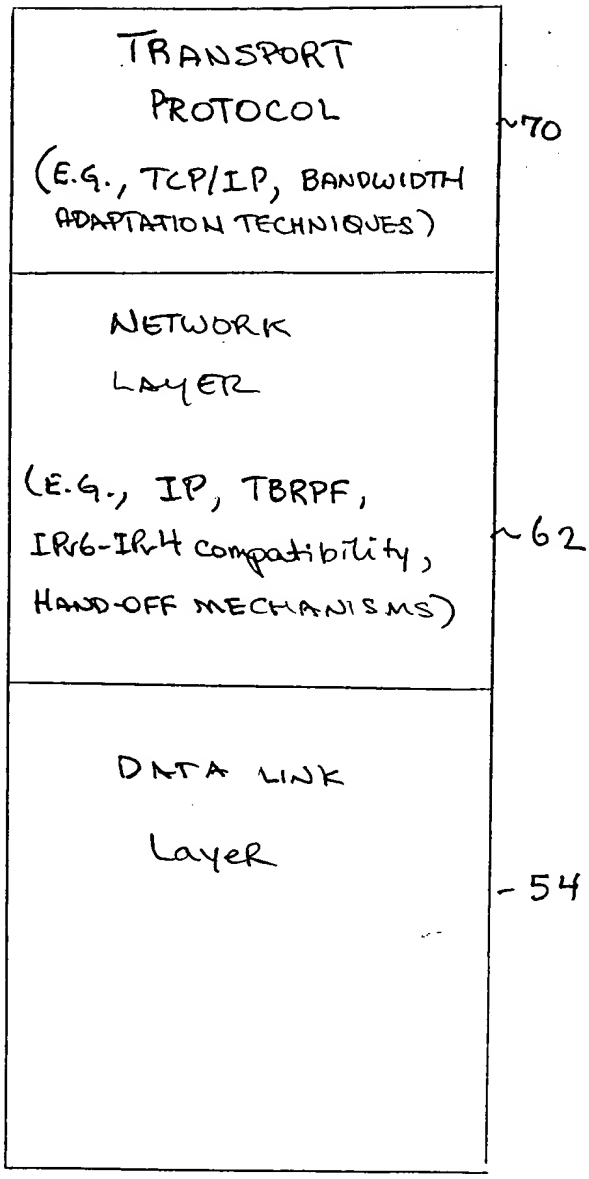

FIG. 2

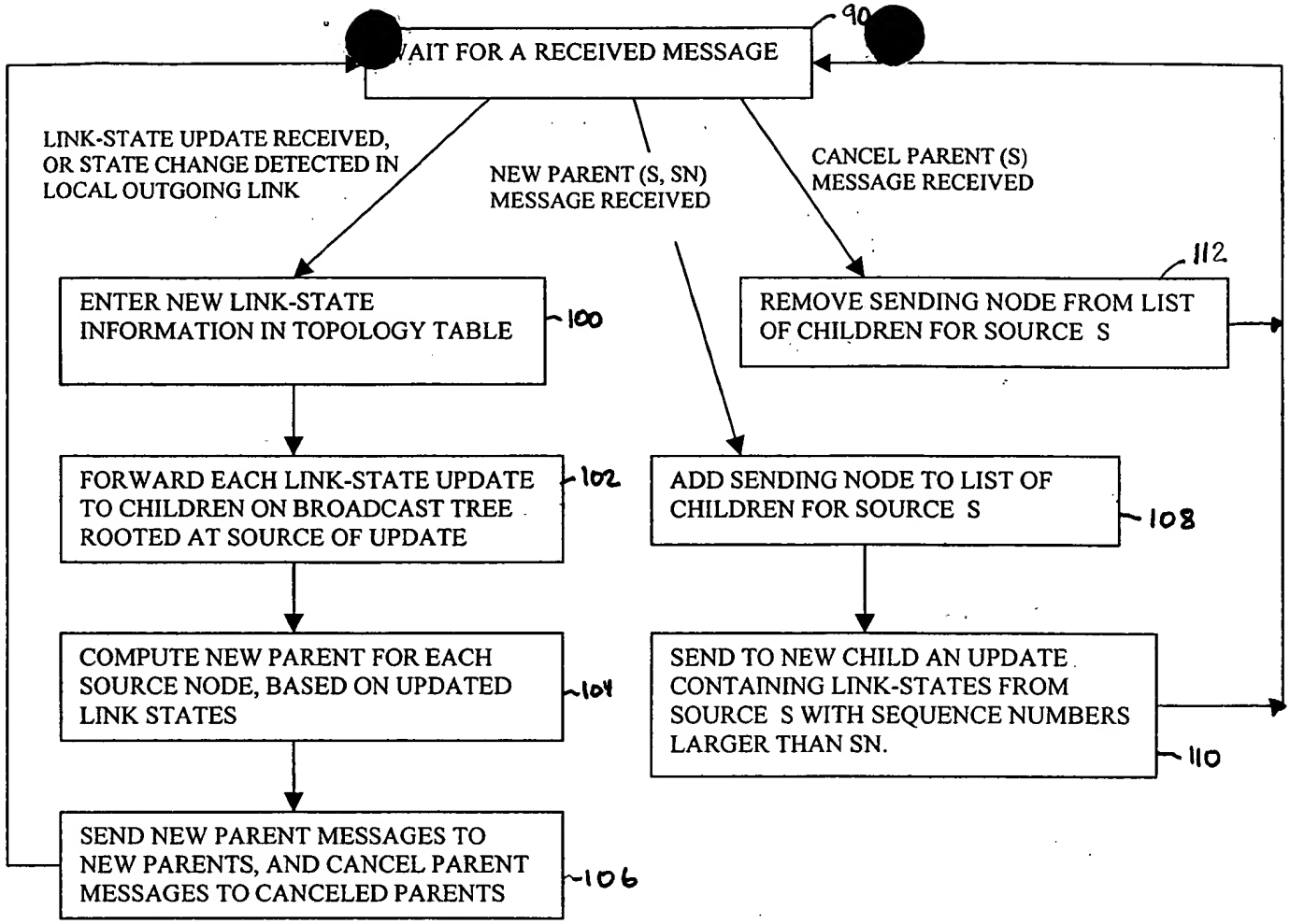

FIGURE 3. TBRPF steps for link-state dissemination (not including neighbor discovery).

DOCKET ALARM

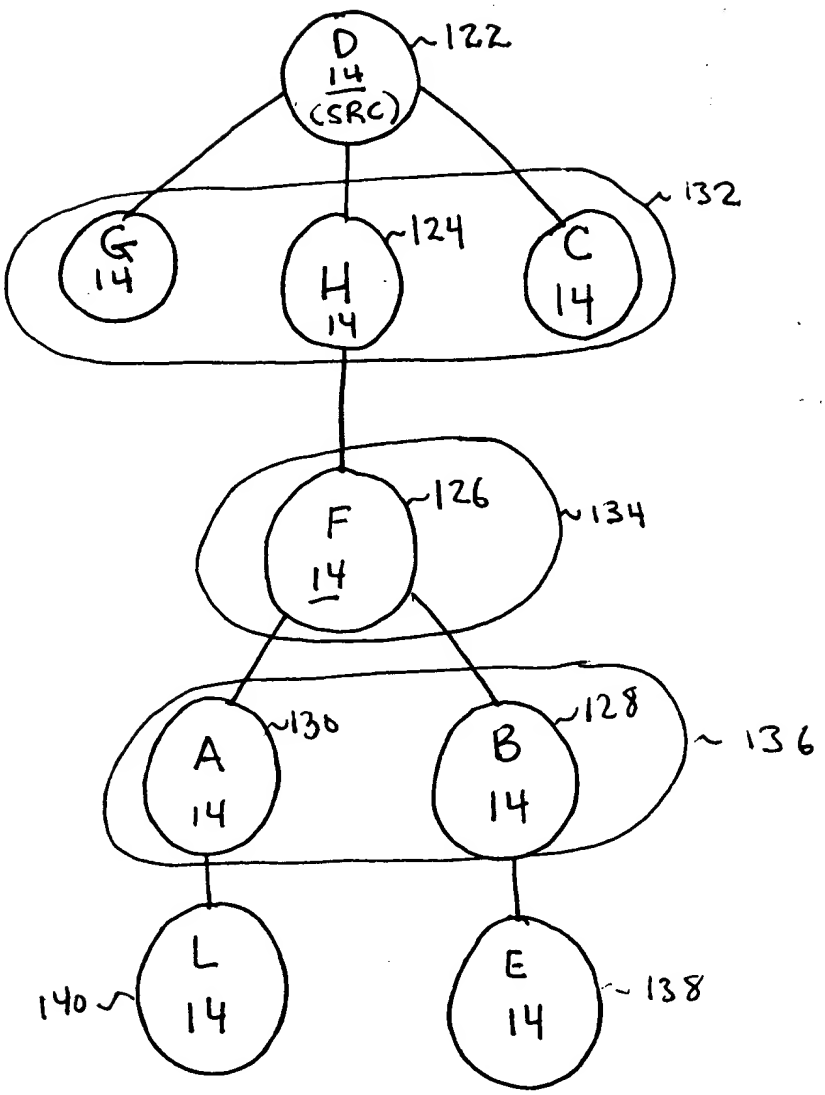

FIG. 4

0070024-020682V60

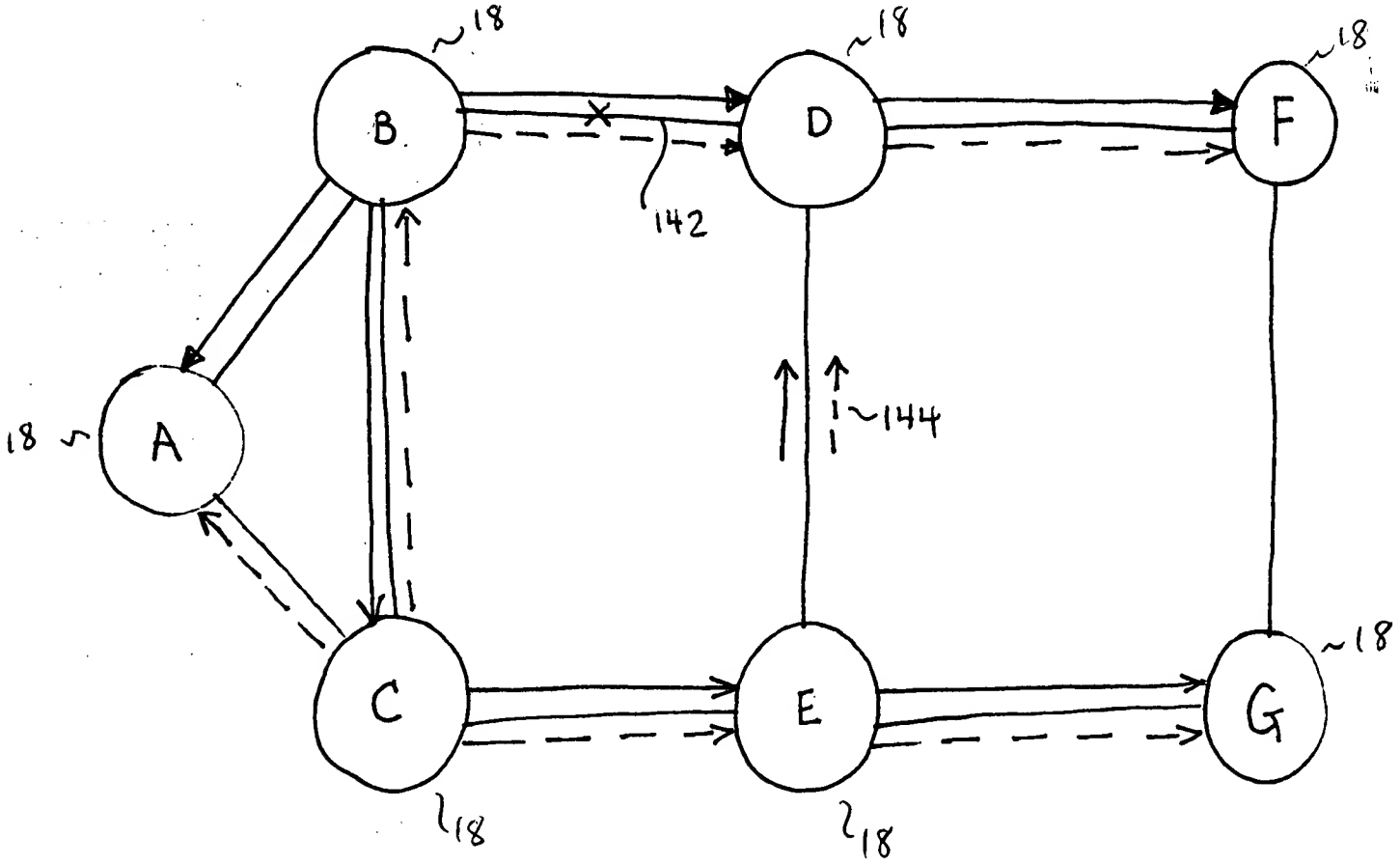

FIG. 5

09728020.120100

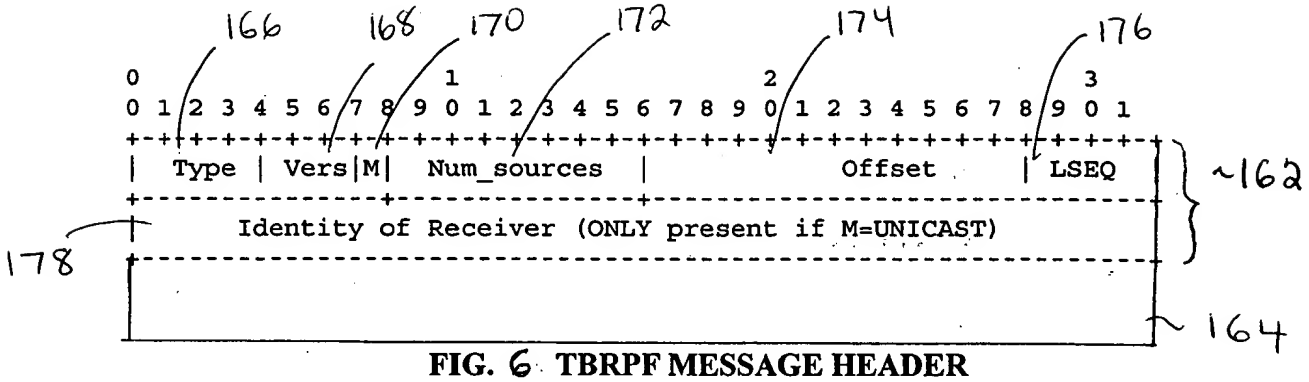

FIG. 6 TBRPF MESSAGE HEADER

DOCKET: 0208.2000

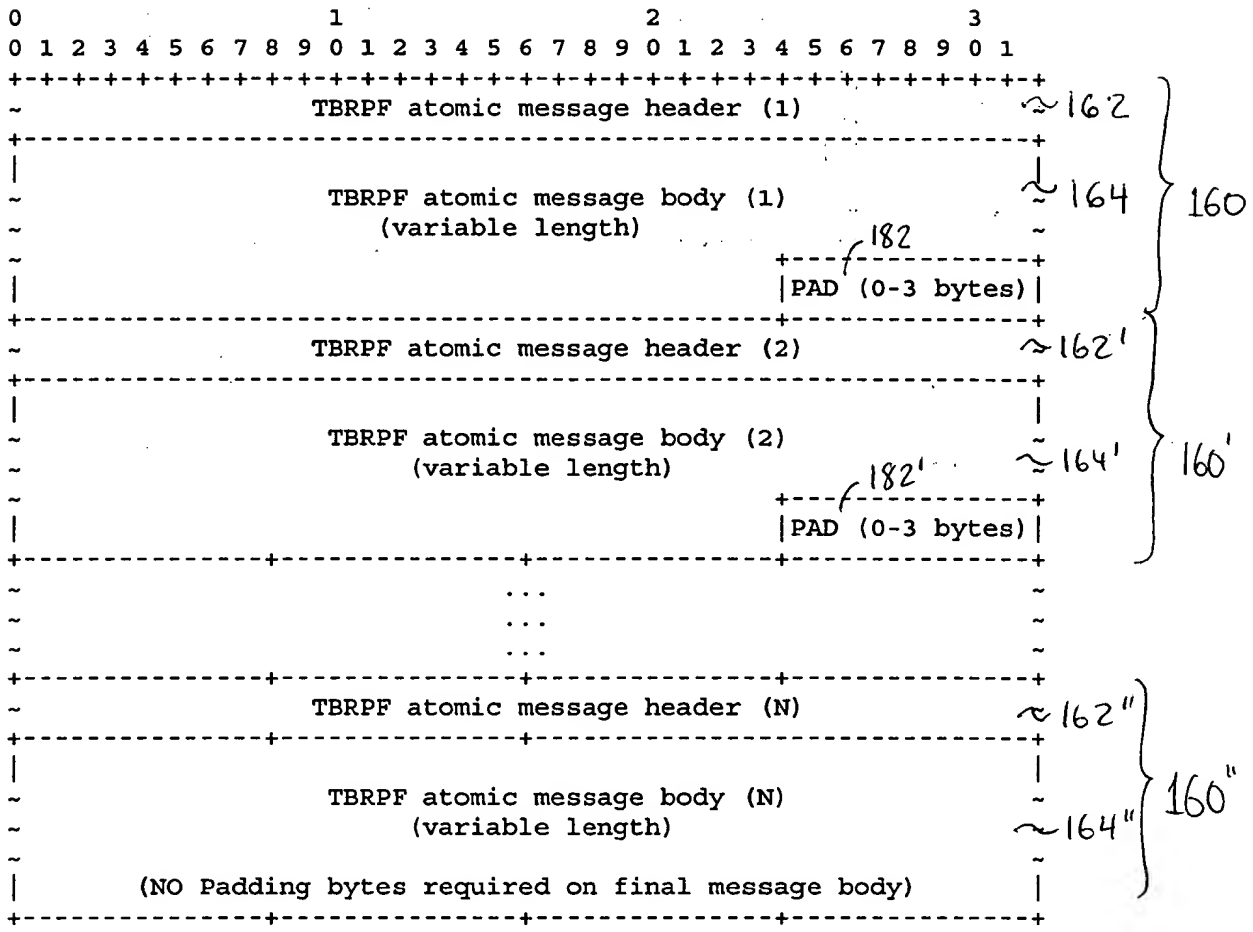

FIG. 7 (A COMPOUND TBRPF MESSAGE)

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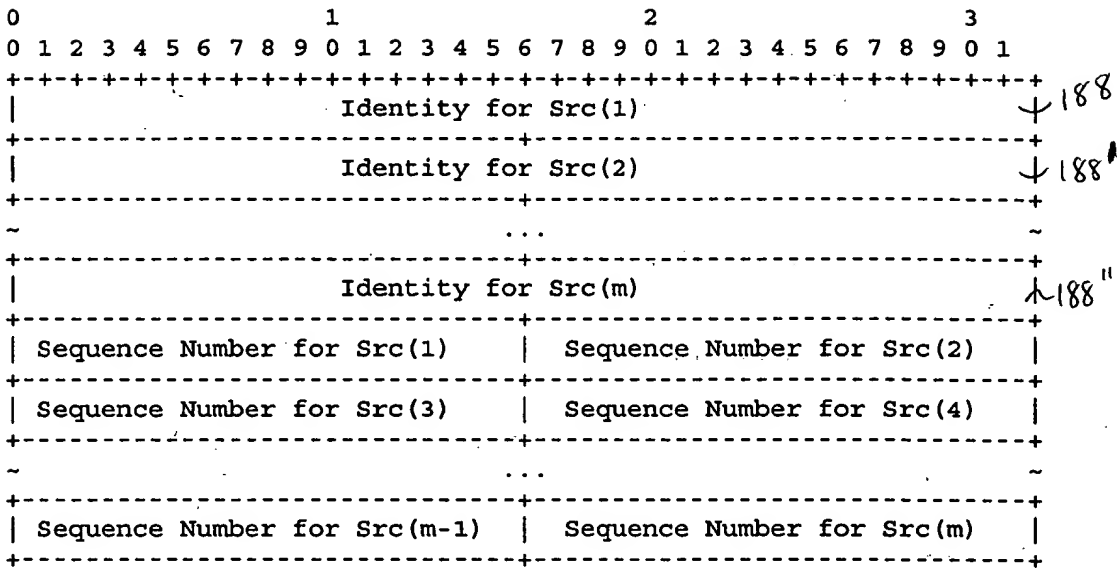


FIG. 8A NEW PARENT MESSAGE

192

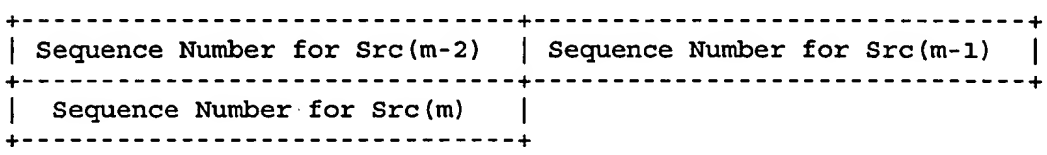


FIG. 8B SHOWS AN ALTERNATIVE ENDING THE NEW PARENT MESSAGE

0604020-042004

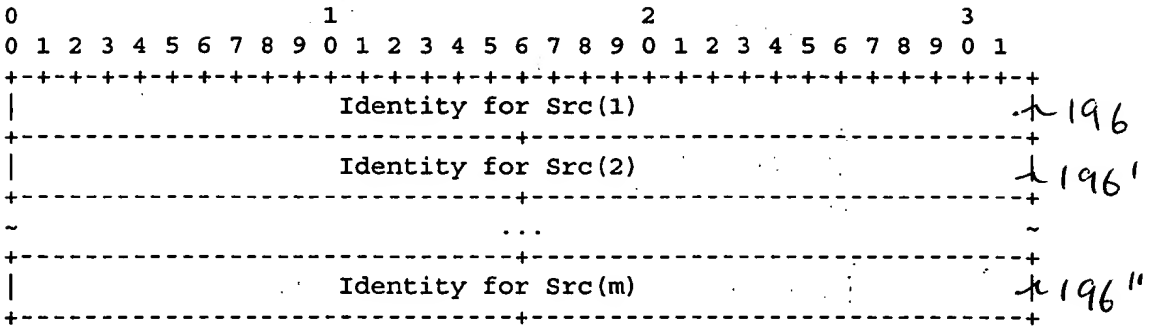


FIG. 9 CANCEL_PARENT MESSAGE

DOCKET: 2620.040

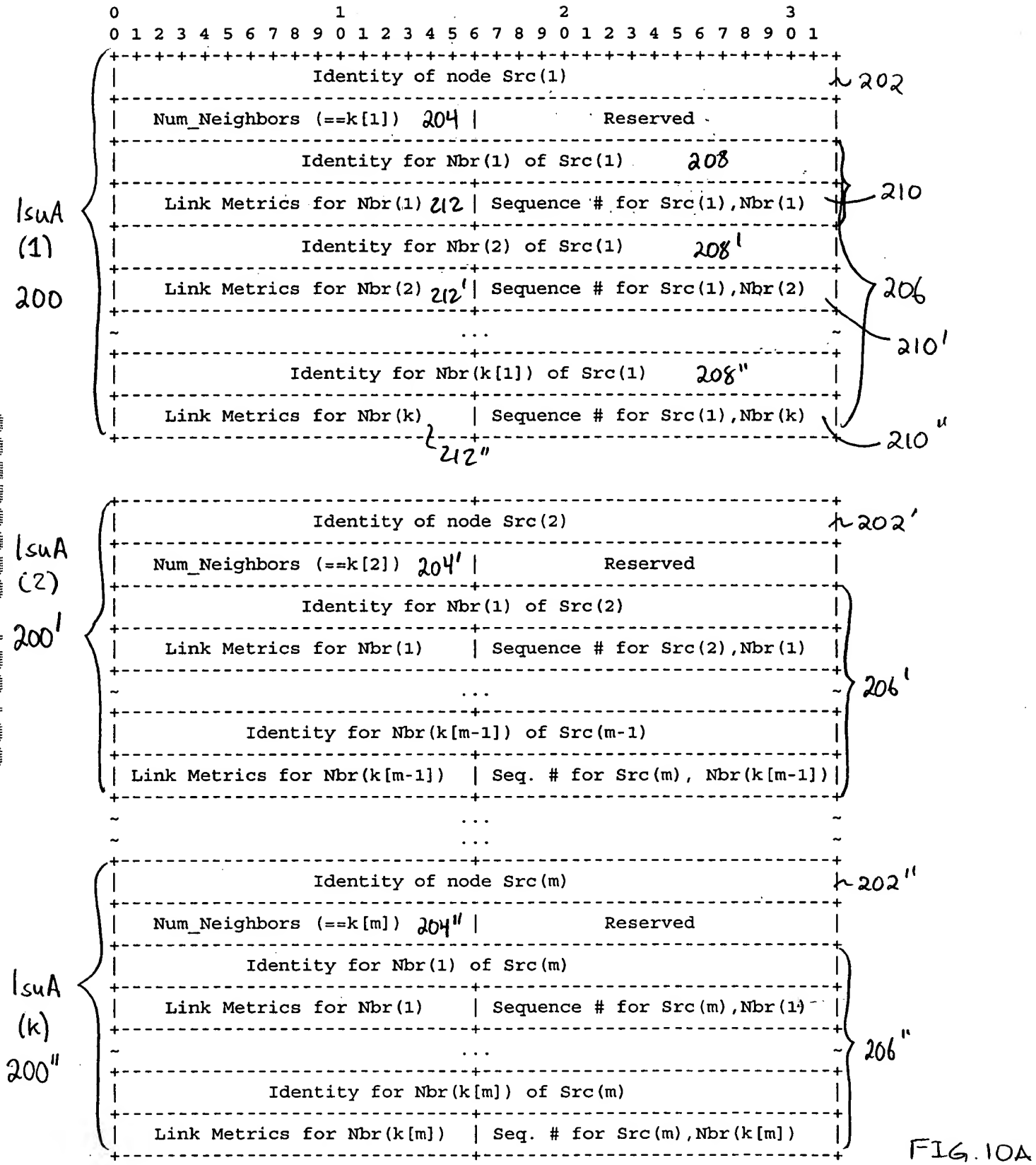
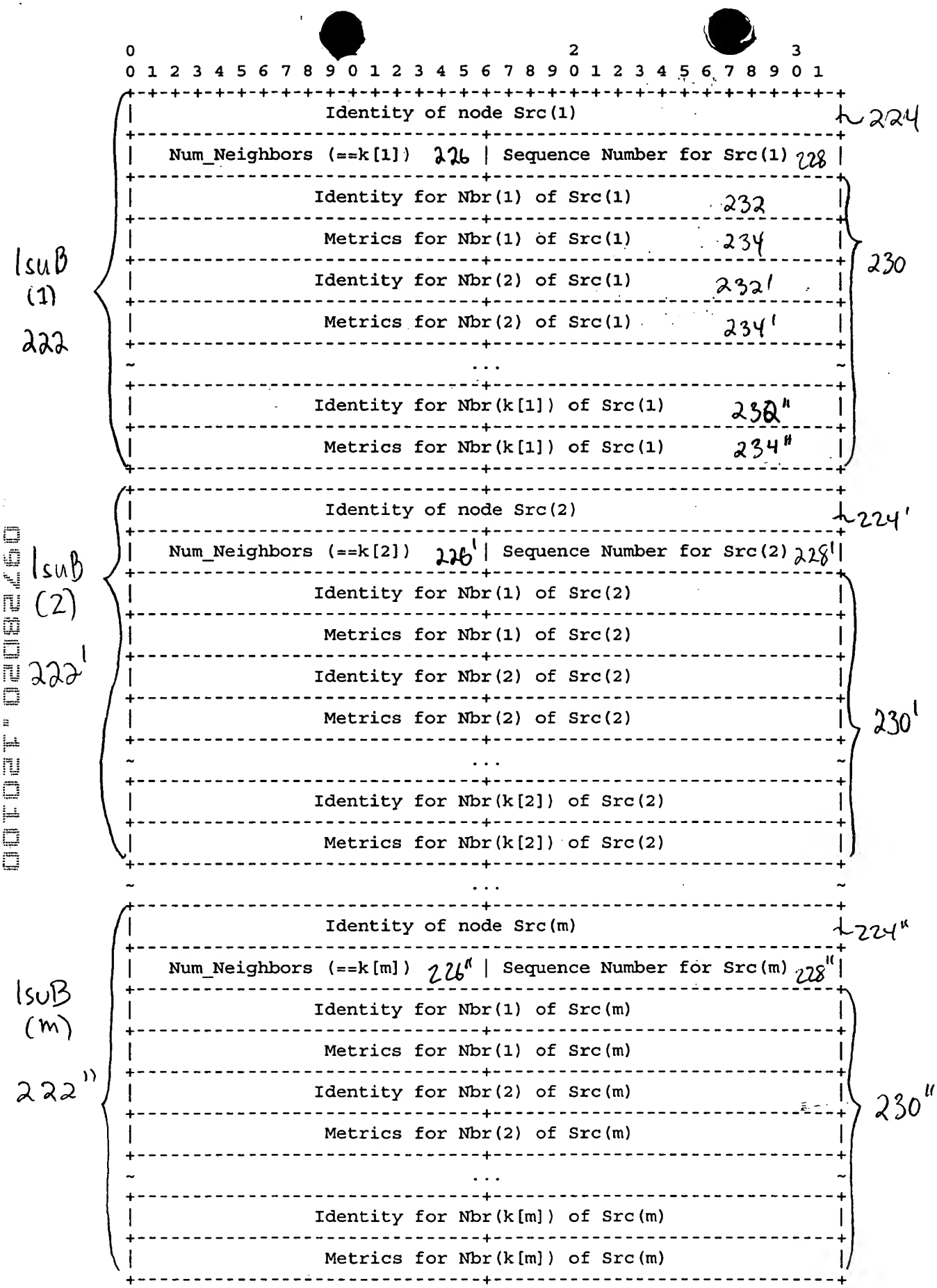

0 1 2 3
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1
Identity of node Src(1)
202
Num_Neighbors (==k[1]) 204
Reserved
Identity for Nbr(1) of Src(1) 208
Link Metrics for Nbr(1) 212
Sequence # for Src(1),Nbr(1)
210
lsuA (1) 200
Identity for Nbr(2) of Src(1) 208'
Link Metrics for Nbr(2) 212'
Sequence # for Src(1),Nbr(2)
206
210'
Identity for Nbr(k[1]) of Src(1) 208"
Link Metrics for Nbr(k)
Sequence # for Src(1),Nbr(k)
210"
212"
Identity of node Src(2)
202'
lsuA (2) 200'
Num_Neighbors (==k[2]) 204'
Reserved
Identity for Nbr(1) of Src(2)
Link Metrics for Nbr(1)
Sequence # for Src(2),Nbr(1)
206'
Identity for Nbr(k[m-1]) of Src(m-1)
Link Metrics for Nbr(k[m-1])
Seq. # for Src(m), Nbr(k[m-1])
Identity of node Src(m)
202"
Num_Neighbors (==k[m]) 204"
Reserved
lsuA (k) 200"
Identity for Nbr(1) of Src(m)
Link Metrics for Nbr(1)
Sequence # for Src(m),Nbr(1)
206"
Identity for Nbr(k[m]) of Src(m)
Link Metrics for Nbr(k[m])
Seq. # for Src(m),Nbr(k[m])

FIG. 10A



DOCKET: 0208.2360

FIG. 10B

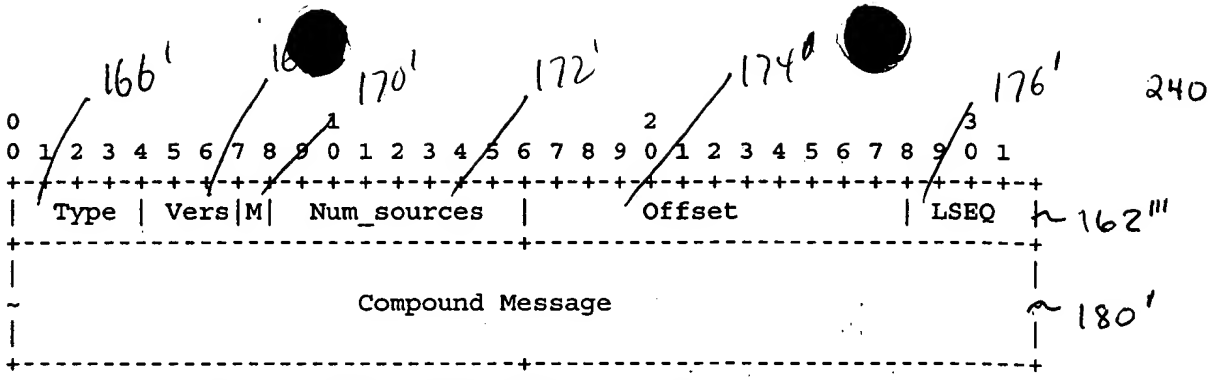


FIG. 11 RETRANSMISSION_OF_BROADCAST message

DOCKET: 02360/360

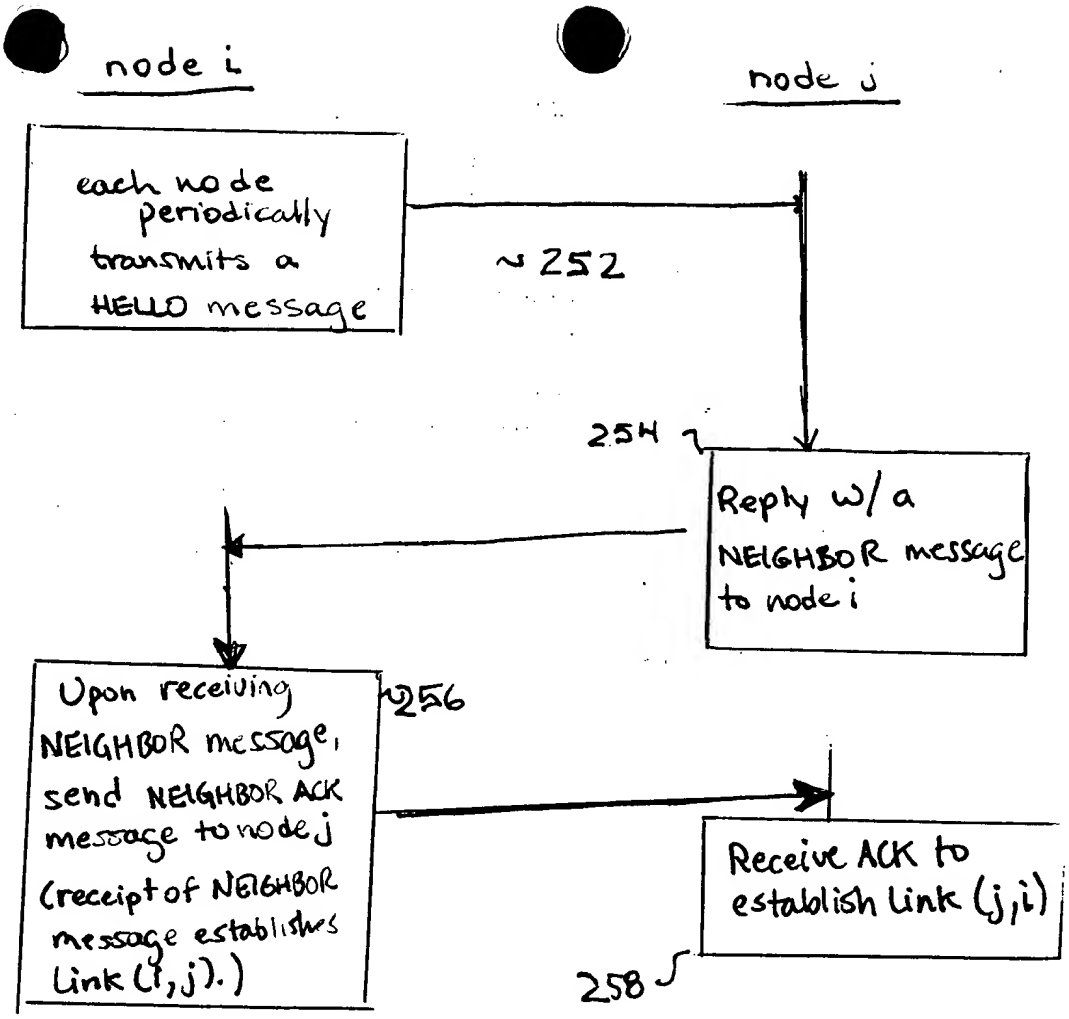

250
node i
node j
each node periodically transmits a HELLO message
~252
254
Reply w/a NEIGHBOR message to node i
Upon receiving NEIGHBOR message, send NEIGHBOR ACK message to node j (receipt of NEIGHBOR message establishes Link (i,j).)
256
Receive ACK to establish Link (j,i)
258

FIG. 12

Docket: 2003-0596

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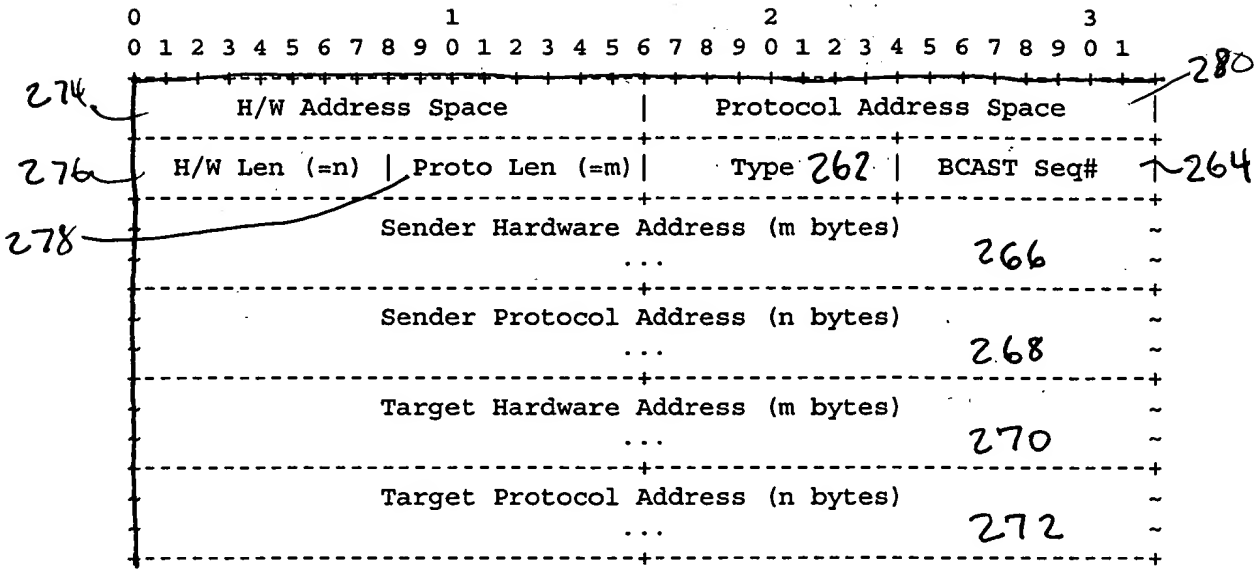

FIG. 13

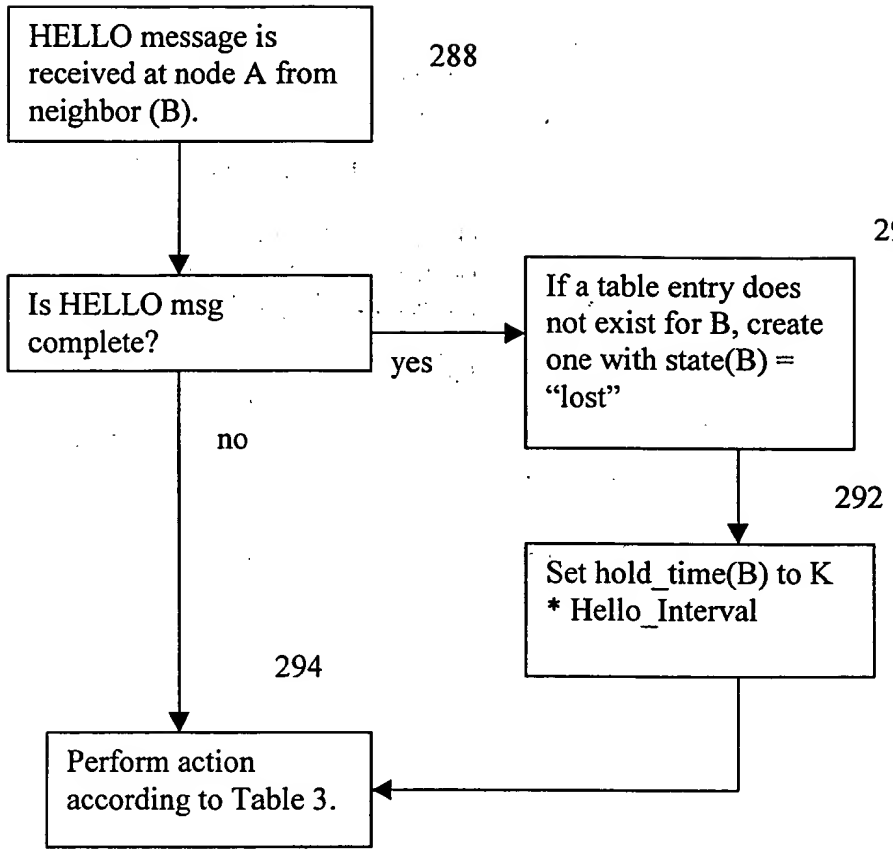
HELLO message is received at node A from neighbor (B).
288
Is HELLO msg complete?
yes
290
If a table entry does not exist for B, create one with state(B) = "lost"
292
Set hold_time(B) to K * Hello_Interval
no
294
Perform action according to Table 3.

FIG. 14

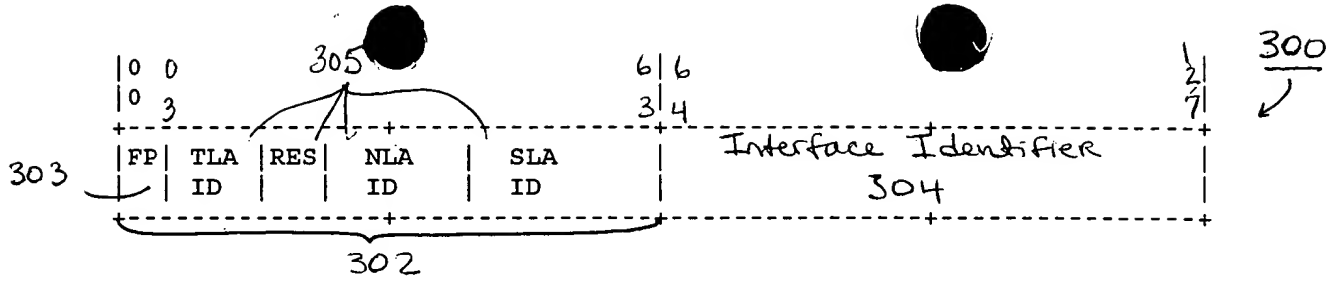

FIG. 15A IPv6-IPv4 Compatibility Address Format

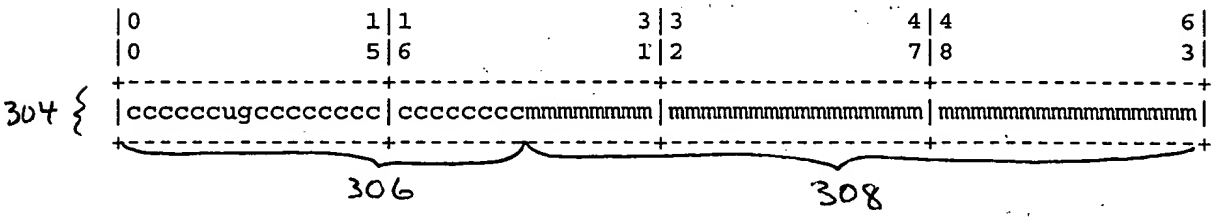

FIG. 15B Interface Identifier format

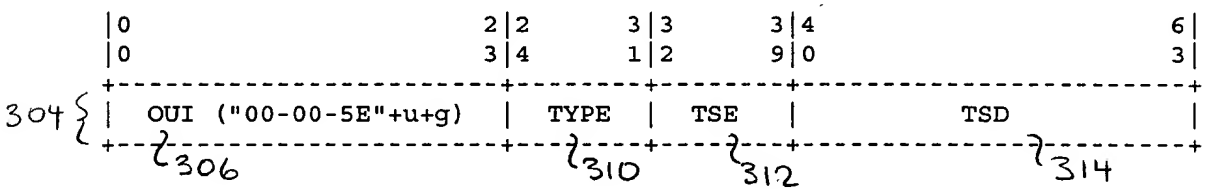

FIG. 15C Interface Identifier format for IANA

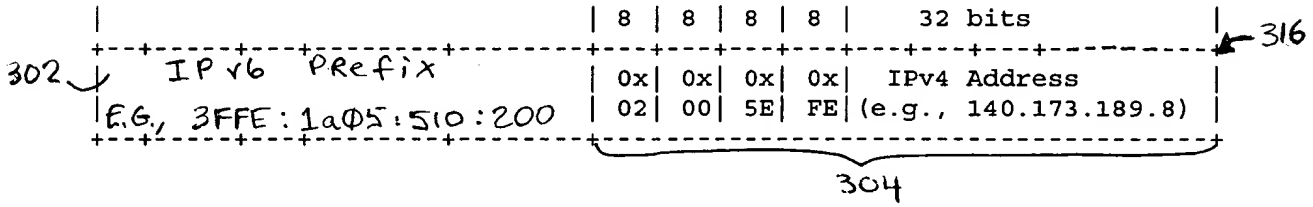

FIG. 15D IPv6-IPv4 Compatibility Address

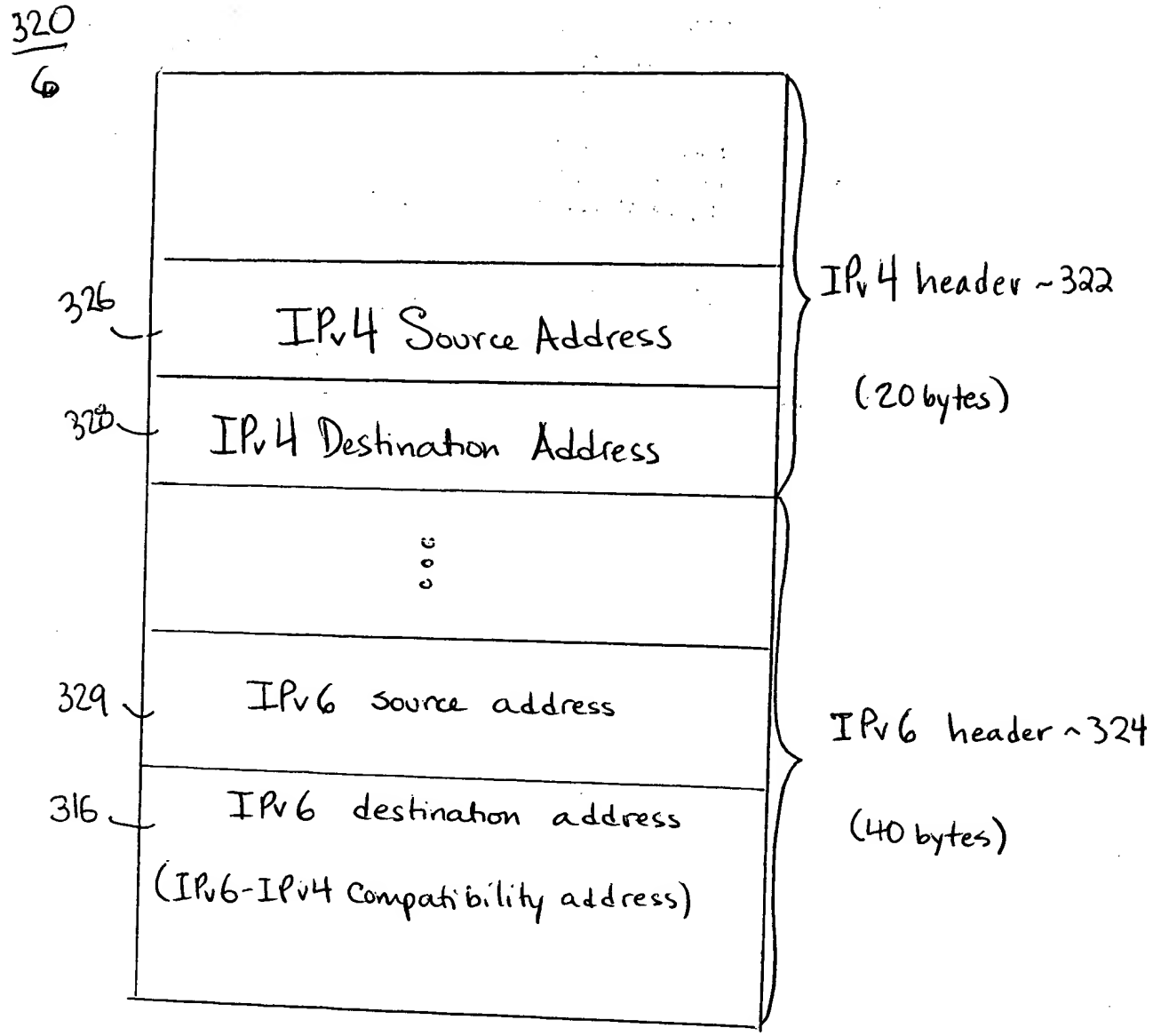
320
6
326
IPv4 Source Address
328
IPv4 Destination Address
329
IPv6 source address
316
IPv6 destination address
(IPv6-IPv4 Compatibility address)
IPv4 header ~322
(20 bytes)
IPv6 header ~324
(40 bytes)

FIG. 15E

DOCKET: 2005-0348

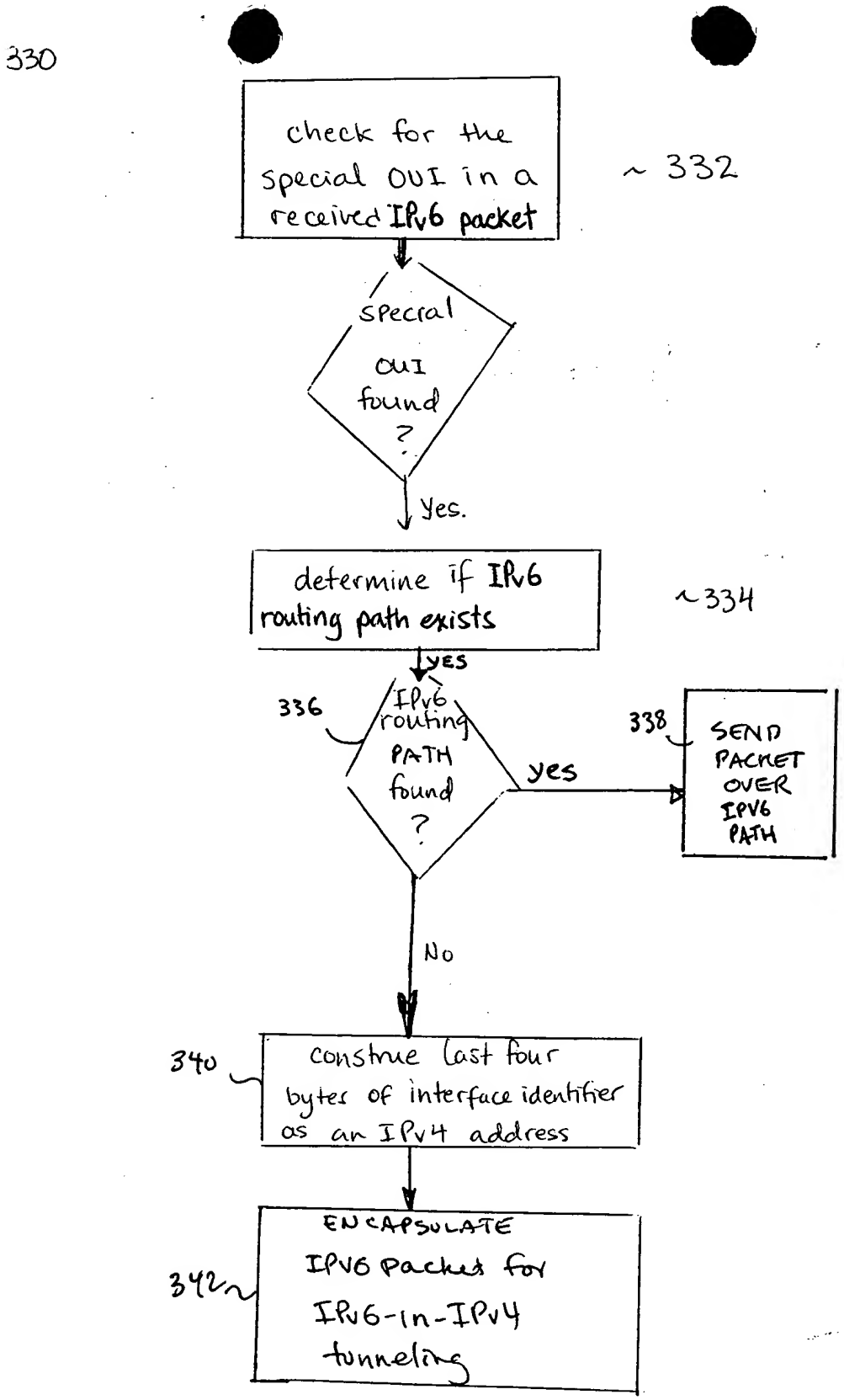

FIG. 16

DOCKET: 2268/2760

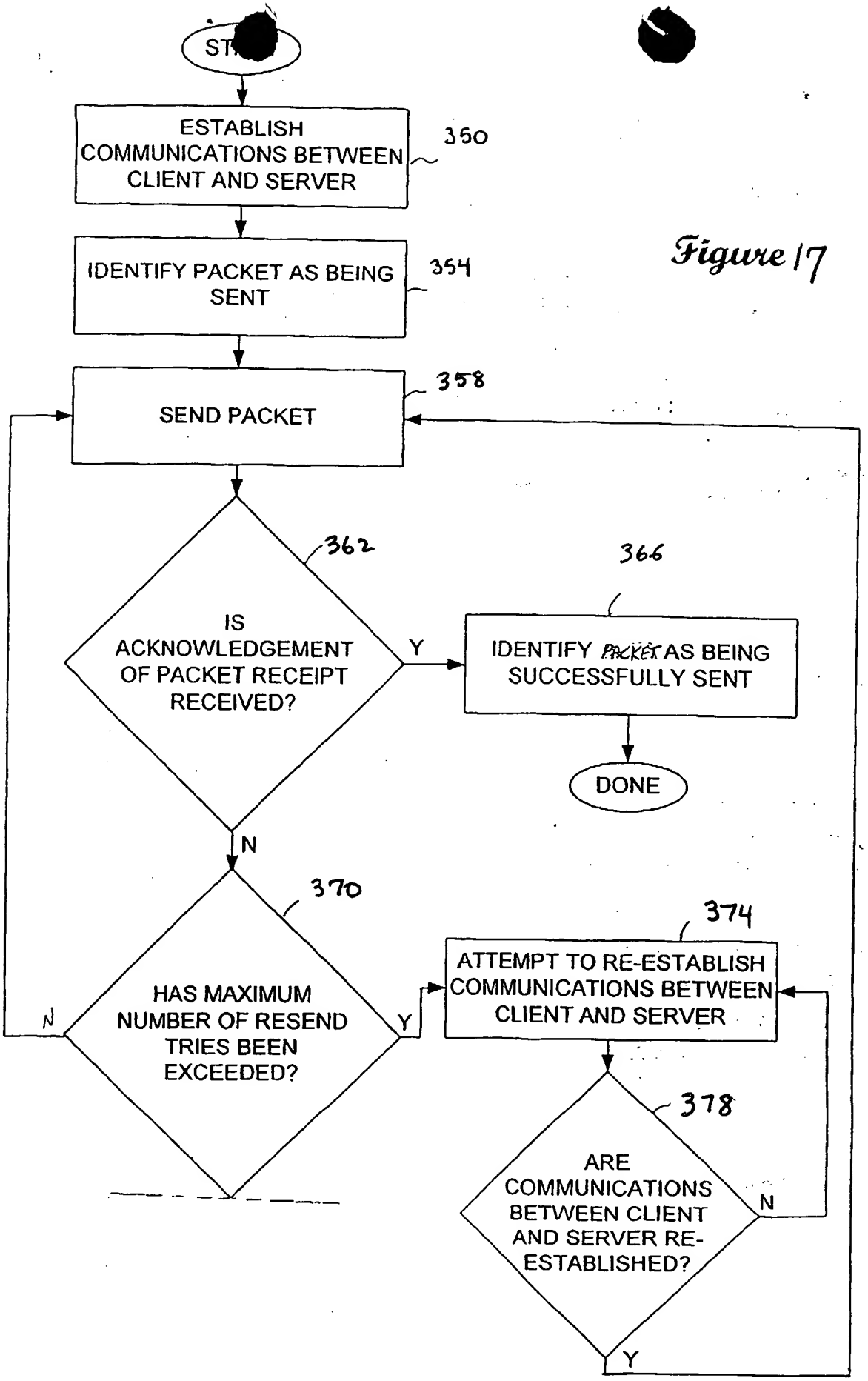

Figure 17

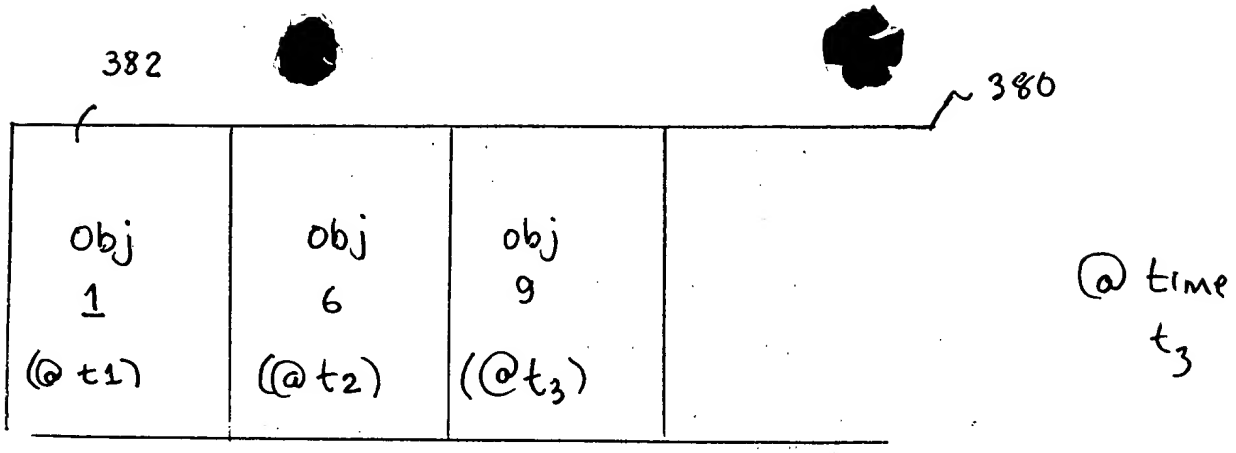

FIG. 18A

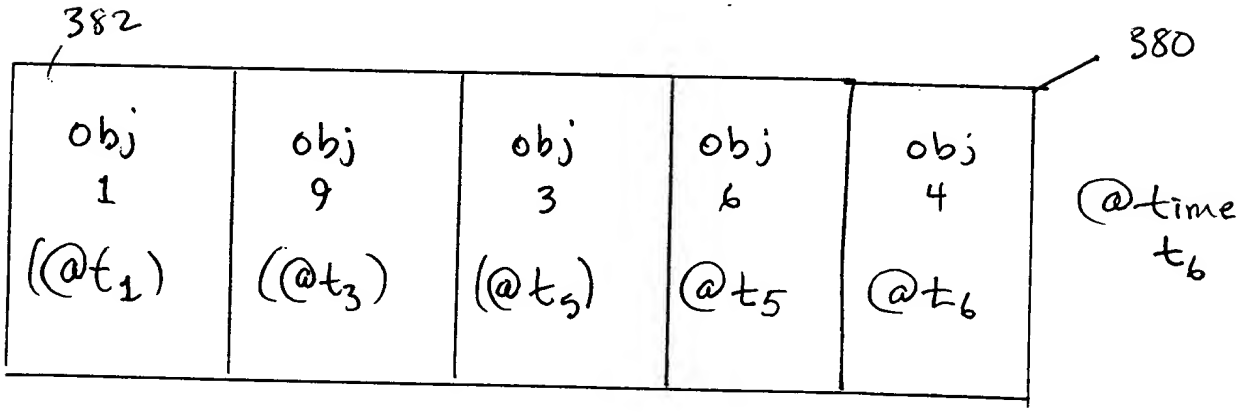

FIG. 18B